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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/805,185	03/14/2001	Mitsuru Sawano	Q63490	2844

7590

07/15/2003

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EXAMINER

YAN, REN LUO

ART UNIT

PAPER NUMBER

2854

DATE MAILED: 07/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/805,185

Applicant(s)

SAWANO, MITSURU

Examiner

Ren L Yan

Art Unit

2854

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 June 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 6 and 8-11 is/are allowed.
- 6) ☒ Claim(s) 1-5 and 7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

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DETAILED ACTION

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 6-23-2003 has been entered.

Figures 8-11 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 5 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over applicant's admitted prior art (Figs. 8-11) in view of DeCruz (6,422,139). Applicant's admitted prior art (Figs. 8-11) teaches the structure of an insertion platform 2 as claimed except that the admitted prior art does not teach the use of a light transmission member with a light source and the use of alignment marks. DeCruz teaches in a screen printing machine the conventionality of using a light box for accurately registering positives with screens. The light box has a light transmission member 2L operable to allow transmission of light from a lower side, a light source of 4 fluorescent lamps 34L mounted to a rigid frame 12L located below the light transmission

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member 2L, and gridlines 13 serving as alignment marks with their respective reference numbers formed on the light transmission members 2L for aligning the positives. See Fig. 7A and column 10, line 49 through column 13, line 48 in DeCruz for example. In view of the teaching of DeCruz, it would have been obvious to one of ordinary skill in the art to provide the insertion platform of the admitted prior art with the light transmission member with a light source along with alignment marks appropriately disposed as taught by DeCruz in order to ensure and facilitate accurate registration of the superimposed sheets. With respect to claim 5, the recited external light lighting hole reads on the gridline holes 14 at the intersection of the gridlines 13 in DeCruz. Regarding claim 7, the recited heat roller pair are included in the prior art as shown in Figs. 8-11.

Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over applicant's admitted prior art in view of DeCruz, and further in view of JP 11-106685. The applicant's admitted prior art, as modified by DeCruz, does not teach the use of a fluorescent substance coated on the light transmission member. JP 11-106685 teaches applying a luminous coating material containing a fluorescent substance on a display so as to obtain the display having high afterglow luminance. It would have been obvious to those having ordinary skill in the art to provide the light transmission member of applicant's admitted prior art, as modified by DeCruz with a fluorescent substance coating in order to achieve a high afterglow luminance of the light transmission member to further facilitate the registration process.

Claims 6 and 8-11 are allowed.

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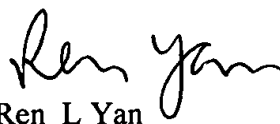
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The prior art of record does not teach the combination of structure of an insertion platform including particularly a cutout having a length in which the operator can continue to have the leading edge of both sheets in the superimposed condition until it is nipped.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ren L Yan whose telephone number is 703-308-0978. The examiner can normally be reached on 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld can be reached on 703-305-6619. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7722 for regular communications and 703-308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.


Ren L Yan
Primary Examiner
Art Unit 2854

Ren Yan
July 4, 2003

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